## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S64	9	S63 and (@ad<"20040819" or @rlad<"20040819")	US-PGPUB; USPAT	OR	ON	2006/04/26 10:20
S42	· 9	S41 and (@ad<"20040819" or @rlad<"20040819")	US-PGPUB; USPAT	OR .	ON	2006/04/26 10:20
S57	5	S56 and (@ad<"20040819" or @rlad<"20040819")	US-PGPUB; USPAT	OR	ON	2006/04/26 10:21
S70	1	S69 not S68	US-PGPUB; USPAT	OR .	ON	2006/04/26 10:22
S67	5	( (tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) ) with (cu or copper) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced) )	US-PGPUB; USPAT	OR	ON	2006/04/26 10:22
S69	6	( (tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) ) with (cu or copper) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced or plasma) )	US-PGPUB; USPAT	OR	ON	2006/04/26 10:31
S72	4	S71 not S69	US-PGPUB; USPAT	OR	ON	2006/04/26 10:32
S74	0	( (tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) or tms) same ( (("same" adj time) or simultaneous or simultaneously) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced or plasma) with (cu or copper)) )	US-PGPUB; USPAT	OR	ON	2006/04/26 10:33
S73	0	((tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) or tms) same (gas with (("same" adj time) or simultaneous or simultaneously) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced or plasma) with (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 10:33
S76	4	S75 not (S71 or S69)	US-PGPUB; USPAT	OR	ON	2006/04/26 10:34
S71	5	( (tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) or tms) with (("same" adj time) or simultaneous or simultaneously) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced or plasma))	US-PGPUB; USPAT	OR	ON	2006/04/26 10:38
S68	. 5	S67 and (@ad<"20040819" or @rlad<"20040819")	US-PGPUB; USPAT	OR	ON	2006/04/26 10:39
S78	25	(( (tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) or trns) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced) ) same (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 10:48
S82	7	(tertra\$1methyl\$1silane or (tertra adj methyl\$1silane) )	US-PGPUB; USPAT	OR	ON	2006/04/26 10:50
S86	1	( (tetra\$1methyl\$1silane or (tetra adj methyl\$1silane)) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced) with (cu-or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 10:51
S85	1	( (tetra\$1methyl\$1silane or (tetra adj methyl\$1silane)) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced) with (cu or copper))	US-PGPUB; USPAT	OR	OFF	2006/04/26 10:51
S81	25	((:(tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) or tertra\$1methyl\$1silane or (tertra adj (methyl\$1silane)) or tms) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced ) ) same (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 10:54
S79	25	S78 and (@ad<"20040819" or @rlad<"20040819")	US-PGPUB; USPAT	OR	ON	2006/04/26 10:55

## **EAST Search History**

S91	2	(tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) and "6525428"	US-PGPUB; USPAT	OR	ON	2006/04/26 11:01
S93	31	S92 and (@ad<"20040819" or @rlad<"20040819")	US-PGPUB; USPAT	OR	ON	2006/04/26 11:02
S92	31	( ( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane or (methyl adj silane))) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced ) ) same (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 11:02
S88	31	S87 and (@ad<"20040819" or @rlad<"20040819")	US-PGPUB; USPAT	OR	ON	2006/04/26 11:02
S95	5	(tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) and S94	US-PGPUB; USPAT	OR	ON	2006/04/26 11:13
S96	5	(tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) and S94	US-PGPUB; USPAT	OR	ON	2006/04/26 11:14
S87	31	( ( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced ) ) same (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 11:14
S75	9	( (tri\$1methyl\$1silane or (tri adj (methyl\$1silane)) or tms) same ( (("same" adj time) or simultaneous or simultaneously) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced or plasma) ) )	US-PGPUB; USPAT	OR	ON	2006/04/26 11:22
S99	9	S98 not S97	US-PGPUB; USPAT	OR	ON	2006/04/26 11:37
S98	23	( gas with ( ("same" adj time) or simultaneous or simultaneously or "while" or concurrent or concurrently) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced) with (rf or power))	US-PGPUB; USPAT	OR	ON	2006/04/26 11:37
S10 1	1	( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (cu or copper) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced ))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 11:42
S90	2	(tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) and S89	US-PGPUB; USPAT	OR	ON	2006/04/26 11:42
S10 4	18	( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (cu or copper)) and plasma	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 11:43
S10 3	1	((:(tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (cu or copper)) and (pecvd or (plasma adj enhanced) or plasma\$1enhanced ))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/26 11:43
S10 7	6	(tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) and S106	US-PGPUB; USPAT	OR	ON	2006/04/26 14:50
S11 2	7	S110 not S111	US-PGPUB; USPAT	OR	ON	2006/04/26 16:06

## **EAST Search History**

	T			T	T	T
S11 0	17	( ((tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (capped or capping or cap) ) same (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 16:06
S10 9	10	( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (capped or capping or cap) with (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 16:06
S97	14	( gas with ( ("same" adj time) or simultaneous or simultaneously) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced) with (rf or power))	US-PGPUB; USPAT	OR	ON	2006/04/26 16:11
S11 3	7	( gas with ( ("same" adj time) or simultaneous or simultaneously) with (pecvd or (plasma adj enhanced) or plasma\$1enhanced ) with (flow or flowing or flowed) )	US-PGPUB; USPAT	OR	ON	2006/04/26 16:12
S11 1	10	( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (capped or capping or cap) with (cu or copper))	US-PGPUB; USPAT	OR	ON	2006/04/26 16:41
S11 5	7	((:tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (capping or capped or cap)) and 438/687.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/26 16:42
S10 5	6	((( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (cu or copper)) same (pecvd or (plasma adj enhanced) or plasma\$1enhanced )) )	US-PGPUB; USPAT	OR	ON	2006/04/26 16:44
S11 8	0	( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or tms) with (plasma or pecvd or (plasma adj enhanced) or plasma\$1enhanced) with ( ("same" adj time) or simultaneous or simultaneously or "while" or concurrent or concurrently) ) and 438/687.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/26 16:45
S11 6	27	( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or trns) with (plasma or pecvd or (plasma adj enhanced) or plasma\$1enhanced) ) and 438/687. ccls.	US-PGPUB; USPAT	OR	ON	2006/04/26 16:46
S12 2	23	( (pecvd or (plasma adj enhanced) or plasma\$1enhanced) with ( ("same" adj time) or simultaneous or simultaneously or "while" or concurrent or concurrently) with (power or if ) with (gas or reactant))	US-PGPUB; USPAT	OR	OFF	2006/04/27:15:46
S12 1	6	( (tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane or tertra\$1methyl\$1silane or trns) with ( ("same" adj time) or simultaneous or simultaneously or "while" or concurrent or concurrently) with (power or rf ))	US-PGPUB; USPAT	OR	OFF	2006/04/27 16:02
S12 4	6	(tri\$1methyl\$1silane or ((tri or tetra or tertra) adj (methyl\$1silane)) or tetra\$1methyl\$1silane:or tertra\$1methyl\$1silane or tms) and S123	US-PGPUB; USPAT	OR	ON	2006/04/30:15:52
S12 7	24	( ( (tri\$1methyl\$1silane or (tri adj (methyl\$1silane))) with ( (tetra adj (methyl\$1silane)) or tetra\$1methyl\$1silane) ) with (silicon adj carbide))	US-PGPUB; USPAT	OR ·	ON	2006/04/30 16:05
S13 1	29	S130 not S127	US-PGPUB; USPAT	OR	ON	2006/04/30 16:06